FORM PTO-1390
(REV 3/2001)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

DATE: August 29, 2001

EXPRESS MAIL LABEL NO.
EL 904792993

ATTORNEY DOCKET NO.
41654/CAG

U.S. APPLICATION NO.
09/763,520

INTERNATIONAL APPLICATION NO. PCT/US98/25824	INTERNATIONAL FILING DATE 04 December 1998	PRIORITY DATE CLAIMED 05 December 1997

TITLE OF INVENTION
TRANSFORMATION METHODS FOR OPTIMIZING ELLIPTIC CURVE CRYPTOGRAPHIC COMPUTATIONS

APPLICANT(S) FOR DO/EO/US
Cetin Kaya Koc; John J. Beahan, Jr.; Behzad Sadeghi

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.

5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
    a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
    b. ☐ has been transmitted by the International Bureau.
    c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/LUS).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☐ A copy of the International Search Report (PCT/ISA/210).
8. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
    a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
    b. ☐ have been transmitted by the International Bureau.
    c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
    d. ☐ have not been made and will not be made.

9. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).

10. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).

11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).

12. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 13 to 20 below concern document(s) or other information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.

14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

15. ☐ A FIRST preliminary amendment..

16. ☐ A SECOND or SUBSEQUENT preliminary amendment..

17. ☐ A substitute specification.

18. ☐ A change of power of attorney and/or address letter.

19. ☐ SMALL ENTITY Assertion: Applicant(s) and any other associated with it/them under 37 CFR § 1.27(a) are a small entity.

20. ☒ Certificate of Mailing by Express Mail.

21. ☒ Other items or information: Explanation Letter Regarding Fees Paid, Copy of Notification of Missing Requirements, Postal card,.

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 09/763520	INTERNATIONAL APPLICATION NO. PCT/US98/25824	ATTORNEY DOCKET NO. 41654/CAG/S966

21. The following fees are submitted:	CALCULATIONS	PTO USE ONLY
☐ Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2) paid to USPTO and International Search Report not prepared by the EPO or JPO: **$1,000.00**		
☐ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO **$860.00**		
☐ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO **$710.00**		
☐ International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) **$690.00**		
☐ International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) **$100.00**		
ENTER APPROPRIATE BASIC FEE AMOUNT =	$	

Surcharge of $130 for furnishing the oath or declaration later than ☐20 ☐30 months from the earliest claimed priority date (37 CFR 1.492(e)).	$	

Claims	Number Filed	Number Extra	Rate		
Total Claims	-20=		X $18	$	
Independent Claims	-3=		X $80	$	
Multiple dependent claim(s) (if applicable)			+ $270	$	
TOTAL OF ABOVE CALCULATIONS =				$	

Reduction by 1/2 for filing by small entity, if applicable. Verified Small entity statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).	$	
SUBTOTAL =	$	
Processing fee of $130 for furnishing the English translation later than ☐20 ☐30 months from the earliest claimed priority date (37 CFR 1.492(f)).	$	
TOTAL NATIONAL FEE =	$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). $40.00 per property	$	
TOTAL FEES ENCLOSED =	$	

Note (1): The basic national fee must be paid when filing this application. The 20-month time limit (37 CFR § 1.494) and 30-month time limit (37 CFR § 1.495) are not extendable.	Amount to be: refunded	$
	charged	$

a. ☒ A check in the amount of $_ to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No._____ in the amount of $_____ to cover the above fees.
A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. **03-1728** . A duplicate copy of this sheet is enclosed.

NOTE (2):   Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Craig A. Gelfound
CHRISTIE, PARKER & HALE
P.O. Box 7068
Pasadena, CA 91109-7068

CUSTOMER NUMBER: 23363

By _Craig O. Xgaind_

Craig A. Gelfound
Reg. No. 41,032

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant   : Cetin Kaya Koc, et al.
Application No. : 09/763520
Filed   : 4 December 1998
Title   : TRANSFORMATION METHODS FOR
                  OPTIMIZING ELLIPTIC CURVE
                  CRYPTOGRAPHIC COMPUTATIONS
Grp./Div.   : To be assigned
Examiner   : To be assigned
Docket No.   : 41654/CAG/S966

EXPLANATION LETTER REGARDING FEES PAID

Commissioner for Patents, Box PCT
U.S. Patent and Trademark Office
Washington, D.C. 20231

Post Office Box 7068
Pasadena, CA 91109-7068
August 29, 2001

Commissioner:

In response to the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office(DO/EO/US), the U.S. Basic National Fee and Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)), were previously paid on 23 February 2001, with check number 053608, a copy of which is enclosed hereto.

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By _Craig A. Gelfound_
Craig A. Gelfound
Reg. No. 41,032
626/795-9900

CAG/mmf

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